

CAM-DRIVEN FOUR-WAY HEAD RESTRAINT ASSEMBLY

ABSTRACT OF THE DISCLOSURE

The present invention relates to a head restraint assembly providing four-way adjustment and having dual positive stops as well as a single ergonomic control. The present invention includes a frame and a housing that engages a portion of the frame. The present invention further includes a cam assembly disposed within the housing to provide fore/aft adjustment of the housing relative to the frame. The cam assembly includes a camshaft and at least two drum assemblies supported by the camshaft. The cam assembly further includes a contact plate extending parallel to the camshaft to releasably engage the drum assemblies. The camshaft is connected to the contact plate to provide releasable engagement between the contact plate and the drum assemblies. The present invention further includes a control member to engage the cam assembly and provide for fore/aft and vertical adjustment in response to user input.